

From: "Fox, Mary" <FoxML@cdmsmith.com>
To: "Campbell, Sean (Sidney)" <Sean.Campbell@sgs.com>
CC: "Scott Coffey" <coffeyse@cdmsmith.com>
ken.tyrrell@aecom.com
younghs@cdmsmith.com
"Vickstrom, Kyle E." <vickstromke@cdmsmith.com>
"Zhen, Davis" <Zhen.Davis@epa.gov>
Date: 11/2/2018 6:55:20 AM
Subject: FW: Fish Tissue for splits

Hello Sean,

I have not heard back. Will the fish I proposed below be acceptable for a split? If so, please send me the collection date and time.

Thanks,

Mary Lou

From: Fox, Mary
Sent: Tuesday, October 23, 2018 12:49 PM
To: 'Campbell, Sean (Sidney)' <Sean.Campbell@sgs.com>; Tyrrell, Ken <ken.tyrrell@aecom.com>
Cc: Coffey, Scott <CoffeySE@cdmsmith.com>; Zhen, Davis <Zhen.Davis@epa.gov>; Young, Howard S. <younghs@cdmsmith.com>; Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; Grace, Richard (Toronto) <Richard.Grace@sgs.com>; Dahl, Amy <amy.dahl@aecom.com>
Subject: RE: Fish Tissue for splits

Hello Sean,

Would fish PDI-TF-SMB058 work for a split?

Thanks,

Mary Lou

From: Campbell, Sean (Sidney) <Sean.Campbell@sgs.com>
Sent: Tuesday, October 16, 2018 11:46 AM
To: Fox, Mary <FoxML@cdmsmith.com>; Tyrrell, Ken <ken.tyrrell@aecom.com>
Cc: Coffey, Scott <CoffeySE@cdmsmith.com>; Zhen, Davis <Zhen.Davis@epa.gov>; Young, Howard S. <younghs@cdmsmith.com>; Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; Grace, Richard (Toronto) <Richard.Grace@sgs.com>; Dahl, Amy <amy.dahl@aecom.com>
Subject: RE: Fish Tissue for splits

Hi Mary,

Is it possible for you to select a different sample than PDI-TF-SMB069? I've attached an updated weights spreadsheet. I think we'll be a little light on that sample. We have not taken the organics subsample yet and while we only analyze 10g we would like to retain and additional 10g as backup plus an additional 5g to account for losses during sub sampling. The portion we are sending to ALS is the bare minimum, they are going to request backup from us if it is needed.

I have filled out the collect dates and times for the other 6 samples in the spreadsheet labeled Fish for splits_V2.

Sean

From: Fox, Mary <FoxML@cdmsmith.com>
Sent: Friday, October 05, 2018 1:27 PM
To: Campbell, Sean (Sidney) <Sean.Campbell@sgs.com>; Tyrrell, Ken <ken.tyrrell@aecom.com>
Cc: Coffey, Scott <CoffeySE@cdmsmith.com>; Zhen, Davis <Zhen.Davis@epa.gov>; Young, Howard S. <younghs@cdmsmith.com>; Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; Grace, Richard (Toronto) <Richard.Grace@sgs.com>; Dahl, Amy <amy.dahl@aecom.com>
Subject: RE: Fish Tissue for splits

Hello Sean,

There were plenty of fish to choose from for splits without the additional ones that may not yet be processed. I have attached a table of the fish from which we would like to get splits. There are sample collection date and time columns that I am hoping can get filled in. As our splits will be analyzed by the US PEA Region 10 and CLP laboratories, we will be entering these samples into SCRIBE (once we have collection dates and times) to generate labels for containers and chain-of-custodies for shipments. I can either send sheets of labels to you (they would need to be printed) via e-mail or I could mail the sheets of labels to you (I can also mail US EPA Region 10 custody seals for the shipment to you). All containers for all our splits will be shipped to the US EPA Region 10 laboratory from SGS. We will get containers to their final CLP lab destinations, if appropriate.

Please let me know if any of the fish we have chosen will not work for a split for any reason.

Thanks again for all of your help with this,

Mary Lou

From: Campbell, Sean (Sidney) <Sean.Campbell@sgs.com>
Sent: Tuesday, September 25, 2018 2:36 PM
To: Fox, Mary <FoxML@cdmsmith.com>; Tyrrell, Ken <ken.tyrrell@aecom.com>
Cc: Coffey, Scott <CoffeySE@cdmsmith.com>; Zhen, Davis <Zhen.Davis@epa.gov>; Young, Howard S. <younghs@cdmsmith.com>; Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; Grace, Richard (Toronto) <Richard.Grace@sgs.com>; Dahl, Amy <amy.dahl@aecom.com>
Subject: RE: Fish Tissue for splits

Correct, but please note that all I've done is fill in how much we will need. We haven't actually taken our sub sample from all samples yet but column F should be accurate enough for planning purposes.

Sean

From: Fox, Mary <FoxML@cdmsmith.com>
Sent: Tuesday, September 25, 2018 2:25 PM
To: Campbell, Sean (Sidney) <Sean.Campbell@sgs.com>; Tyrrell, Ken <ken.tyrrell@aecom.com>
Cc: Coffey, Scott <CoffeySE@cdmsmith.com>; Zhen, Davis <Zhen.Davis@epa.gov>; Young, Howard S. <younghs@cdmsmith.com>; Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; Grace, Richard (Toronto) <Richard.Grace@sgs.com>; Dahl, Amy <amy.dahl@aecom.com>
Subject: RE: Fish Tissue for splits

Thanks Sean,

Is the "amount remaining" column the tissue mass remaining that a split can be gotten from - so as long as there is 55 grams in this column, we may select that fish sample for a split?

Thanks for getting this information together for us.

Mary Lou

From: Campbell, Sean (Sidney) <Sean.Campbell@sgs.com>

Sent: Tuesday, September 25, 2018 2:13 PM

To: Fox, Mary <FoxML@cdmsmith.com>; Tyrrell, Ken <ken.tyrrell@aecom.com>

Cc: Coffey, Scott <CoffeySE@cdmsmith.com>; Zhen, Davis <Zhen.Davis@epa.gov>; Young, Howard S. <younghs@cdmsmith.com>; Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; Grace, Richard (Toronto) <Richard.Grace@sgs.com>; Dahl, Amy <amy.dahl@aecom.com>

Subject: RE: Fish Tissue for splits

Hi Mary,

I have prepared the attached spreadsheet with sample IDs and weights. There are 16 samples yet to be homogenized. I will update the table once we have completed the homogenization.

Sean

From: Fox, Mary <FoxML@cdmsmith.com>

Sent: Monday, September 24, 2018 12:28 PM

To: Campbell, Sean (Sidney) <Sean.Campbell@sgs.com>; Tyrrell, Ken <ken.tyrrell@aecom.com>

Cc: Coffey, Scott <CoffeySE@cdmsmith.com>; Zhen, Davis <Zhen.Davis@epa.gov>; Young, Howard S. <younghs@cdmsmith.com>; Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; Grace, Richard (Toronto) <Richard.Grace@sgs.com>

Subject: RE: Fish Tissue for splits

Thanks, all.

From: Campbell, Sean (Sidney) <Sean.Campbell@sgs.com>

Sent: Monday, September 24, 2018 12:20 PM

To: Tyrrell, Ken <ken.tyrrell@aecom.com>; Fox, Mary <FoxML@cdmsmith.com>

Cc: Coffey, Scott <CoffeySE@cdmsmith.com>; Zhen, Davis <Zhen.Davis@epa.gov>; Young, Howard S. <younghs@cdmsmith.com>; Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; Grace, Richard (Toronto) <Richard.Grace@sgs.com>

Subject: RE: Fish Tissue for splits

Mary,

No problem, I will put together list of samples and their masses before and after homogenization. We can fill out the last 16 samples once they are done.

Sean

From: Tyrrell, Ken <ken.tyrrell@aecom.com>

Sent: Monday, September 24, 2018 12:17 PM

To: Fox, Mary <FoxML@cdmsmith.com>; Campbell, Sean (Sidney) <Sean.Campbell@sgs.com>

Cc: Coffey, Scott <CoffeySE@cdmsmith.com>; Zhen, Davis <Zhen.Davis@epa.gov>; Young, Howard S. <younghs@cdmsmith.com>; Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; Grace, Richard (Toronto) <Richard.Grace@sgs.com>

Subject: RE: Fish Tissue for splits

On behalf of the Pre-RD AOC Group we support providing the EPA w/ the weight of the fish extracts as the data becomes available.

Ken Tyrrell

Project Coordinator – Portland Harbor
Design and Consulting Services Group

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From: Fox, Mary [<mailto:FoxML@cdmsmith.com>]
Sent: Monday, September 24, 2018 12:09 PM
To: Campbell, Sean (Sidney) <Sean.Campbell@sgs.com>; Tyrrell, Ken <ken.tyrrell@aecom.com>
Cc: Coffey, Scott <CoffeySE@cdmsmith.com>; Zhen, Davis <Zhen.Davis@epa.gov>; Young, Howard S. <younghs@cdmsmith.com>; Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; Grace, Richard (Toronto) <Richard.Grace@sgs.com>
Subject: RE: Fish Tissue for splits

Thanks Sean,

If you can send us the list for which you have the information we need now, it would be helpful, assuming you could a bit later send us the info for the remaining fish for which you still need to get weights. Otherwise, we can wait until you have all you need to send us the complete list we could use to select fish for splits.

Mary Lou

From: Campbell, Sean (Sidney) <Sean.Campbell@sgs.com>
Sent: Monday, September 24, 2018 11:51 AM
To: Fox, Mary <FoxML@cdmsmith.com>; ken.tyrrell@aecom.com
Cc: Coffey, Scott <CoffeySE@cdmsmith.com>; Zhen, Davis <Zhen.Davis@epa.gov>; Young, Howard S. <younghs@cdmsmith.com>; Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; Grace, Richard (Toronto) <Richard.Grace@sgs.com>
Subject: RE: Fish Tissue for splits

Hi Mary,

We are still receiving samples from the field. I can provide a preliminary list, there will 16 sample which were received last week without weights but if you think it would help I can put it together.

Sean

From: Fox, Mary <FoxML@cdmsmith.com>
Sent: Monday, September 24, 2018 11:25 AM
To: Campbell, Sean (Sidney) <Sean.Campbell@sgs.com>; ken.tyrrell@aecom.com
Cc: Coffey, Scott <CoffeySE@cdmsmith.com>; Zhen, Davis <Zhen.Davis@epa.gov>; Young, Howard S. <younghs@cdmsmith.com>; Vickstrom, Kyle E. <vickstromke@cdmsmith.com>
Subject: Fish Tissue for splits

Hello,

We have not heard anything regarding a list of fish that have sufficient mass for potential splits. With the location and total mass information for fish with sufficient mass for the splits, we will be able to select fish for our splits. We do need this information.

Thanks,

Mary Lou

Mary Lou Fox
CDM Smith

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